

# NCF18/530V

Cylindrical Roller Bearings (full complement, single row)



## Details:

### Main dimensions

d [mm]	530	$d_1$ [mm]	$\approx 573.3$
D [mm]	650	$D_1$ [mm]	$\approx 611.7$
B [mm]	56	$r_{1,2}$ [mm]	3
Weight [kg]	$\approx 37.7$	$r_{3,4}$ [mm]	3
E [mm]	624.5	s [mm]	5



Mating dimensions		Calculation data	
$d_{a, \min}$ [mm]	542	C [kN]	1020
$d_{c, \min}$ [mm]	568	$C_0$ [kN]	2320
$D_{a, \max}$ [mm]	638	$C_u$ [kN]	190
$D_{b, \max}$ [mm]	638	$n_{th}$ [ $\text{min}^{-1}$ ]	313
$r_{a, \max}$ [mm]	2.5	$n_g$ [ $\text{min}^{-1}$ ]	480
$r_{b, \max}$ [mm]	2.5		